

Converting Colors

YUV(76.3340, 70.3343,
-66.0679)

Have a look what the booklet for
YUV(76.3340, 70.3343, -66.0679)
contains.

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Color

**YUV(76.3340, 70.3343,
-66.0679)**

Conversions

Conversions Part 1

Format	Color
Hex	0157DB
RGB	1, 87, 219
RGB Percent	0%, 34%, 86%
CMY	0.9961, 0.6588, 0.1412
CMYK	1.00, 0.60, 0.00, 0.14
HSL	216°, 99%, 43%
HSV	216°, 100%, 86%
XYZ	16.2069, 11.9373, 68.4678
YIQ	76.3340, -93.6280, 22.8200

Conversions

Conversions Part 2

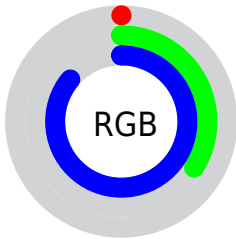
Format	Color
R _Y B	1, 63, 219
Decimal	88027
CIE Lab	41.12, 31.07, -72.87
CIE LCh	41, 79.217, 293.093
Yxy	11.9373, 0.1678, 0.1236
Android (android.graphics.Color)	4278278107 (0xFF0157DB)
YUV	76.3340, 70.3343, -66.0679
Hunter-Lab	34.5504, 23.2675, -93.3083

Details

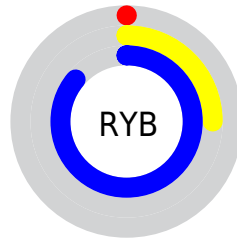
The YUV color **76.3340, 70.3343, -66.0679** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **143.6660, -70.3343, 66.0679**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.9980, 56.6960, -31.5702**, and **43.8230, 58.7543, -38.4328** is the 20% darker color. If you saturate the color by 10%, you get **75.4480, 70.7711, -66.1679**, and if you desaturate by 10%, it is **90.5430, 63.3293, -59.2352**.

Distribution



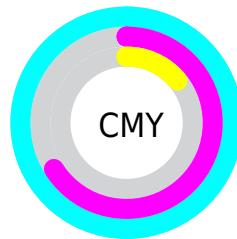
- Red (0%)
- Green (34%)
- Blue (86%)



- Red (0%)
- Yellow (25%)
- Blue (86%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (66%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.3340, 70.3343, -66.0679 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 76.3340, 70.3343, -66.0679 by changing the saturation by 10% instead.

■ 76.3340, 70.3343,
-66.0679

■ 76.3340, 70.3343,
-66.0679

■ 255.0000, 0.0000,
0.0000

■ 59.3420, 64.9074,
-52.0429

■ 139.9980, 56.6960,
-31.5702

■ 43.8230, 58.7543,
-38.4328

■ 165.1270, 44.3074,
-24.6674

■ 30.1790, 52.1698,
-26.4670

■ 190.5440, 31.7768,
-18.8941

■ 12.5400, 48.0478,
-10.9976

■ 216.2490, 19.1042,
-14.2504

■ 16.0330, 33.5077,
-14.0609

■ 241.9540, 6.4317,
-9.6067

■ 10.3620, 24.4715,
-9.0875

■ 5.3920, 15.5827,

-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 76.3340, 70.3343,
-66.0679

■ 76.3340, 70.3343,
-66.0679

■ 75.4480, 70.7711,
-66.1679

■ 90.5430, 63.3293,
-59.2352

■ 105.3390, 56.0349,
-52.9173

■ 119.5480, 49.0298,
-46.0846

■ 133.7570, 42.0248,
-39.2519

■ 147.6670, 35.1672,
-33.0340

■ 162.4630, 27.8727,
-26.7161

■ 176.6720, 20.8677,
-19.8833

■ 190.8810, 13.8627,
-13.0506

■ 205.0900, 6.8576,
-6.2179

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2630, 67.9043, -80.0377



76.3340, 70.3343, -66.0679



91.6610, 41.5791, 57.3023

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3340, 70.3343, -66.0679



84.6210, -41.7182, 81.0164



80.6200, -0.7987, -70.7037

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



76.3340, 70.3343, -66.0679



143.6660, -70.3343, 66.0679

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.2660, -34.1481, -60.7463



76.3340, 70.3343, -66.0679



91.4120, -45.0661, 34.7187

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3340, 70.3343, -66.0679



66.5110, -7.6469, 119.7009



84.3260, -41.5727, -12.5639



88.9590, 28.6142, -78.0170

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.3340, 70.3343, -66.0679



72.3140, 31.3972, 103.2106



84.3260, -41.5727, -12.5639



77.4110, -10.5556, -67.8894

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



76.3340, 70.3343, -66.0679



205.2740, 24.5149, -23.0423



143.9000, -5.8667, -125.3233



97.8100, 14.8837, -13.8654



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.3340, 70.3343, -66.0679



88.3570, 82.1550, -77.4891



32.4300, 91.9790, -8.2701



102.6020, 3.6472, -3.1590



59.6380, 55.8875, -52.3025



15.8100, 14.8837, -13.8654

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



75.9860, 5.4299, 125.4233



87.7590, 6.5278, 146.6704



187.5700, -91.9790, 8.2701



102.7450, 0.1257, 6.3626



59.4790, 4.2009, 99.5579



15.8060, 1.0816, 26.4801

Previews

White Background



This preview shows how the YUV color 76.3340, 70.3343, -66.0679 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 76.3340, 70.3343, -66.0679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

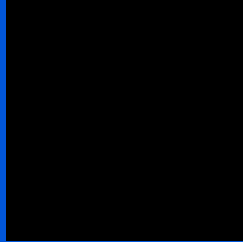
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 76.3340, 70.3343, -66.0679

Background



This preview shows how black text looks on a background with the YUV color 76.3340, 70.3343, -66.0679.



This preview shows how white text looks on a background with the YUV color 76.3340, 70.3343, -66.0679.

-66.0679.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

76.3340, 70.3343, -66.0679

Protanopia

77.0490, 59.1358, -67.5720

Deuteranopia

77.3790, 45.1692, -67.8614



Tritanopia

75.8050, 18.8301, -66.4810

Trichromacy



Original Color

76.3340, 70.3343, -66.0679

Protanomaly

76.7870, 63.2090, -67.3422

Deuteranomaly

77.0830, 54.1891, -67.6018

Tritanomaly

76.0280, 37.4542, -66.6766

Monochromacy



Original Color

76.3340, 70.3343, -66.0679

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.2030, 25.5359, -23.8570

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.3340, 70.3343, -66.0679 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(1, 87, 219)` looks like.

```
.text, #text, p{  
    color:rgb(1, 87, 219)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(1, 87, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 87, 219) }
```

Border

The CSS property to change the border of an element to YUV 76.3340, 70.3343, -66.0679 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(1, 87, 219) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(1, 87, 219) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(1, 87, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 87, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 87, 219);  
box-shadow:4px 4px 4px 4px rgb(1, 87, 219)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.3340, 70.3343, -66.0679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 87, 219) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(1, 87,  
219) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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